

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|--|------------------|---------|------------------|
| S1    | 10601 | 713/150,153,155-158,162-163,168-171,173,175.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/03/15 07:57 |
| S2    | 1757  | (request\$3) with (certificat\$3) and (issu\$4 generat\$3 creat\$3 calculat\$3) with (certificat\$3) and public adj key and (certificat\$3) with (id identifier identification identity serial name address) and (register\$3 registrat\$3) with (id identifier identification identity serial name address) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/03/15 07:57 |
| S3    | 602   | S1 and S2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/03/15 07:57 |
| S4    | 366   | S3 and (certificat\$3) with (terminat\$3 expir\$5 period)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/03/15 07:58 |
| S5    | 245   | S4 and (certificat\$3) with (terminat\$3 expir\$5 period) and (id identifier identification identity serial name address) with (terminat\$3 expir\$5 period)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/03/15 08:04 |
| S6    | 108   | (copy\$3 copies copied duplicat\$3 replicat\$3) with (expirat\$3 terminat\$3 validity) near2 (date time period) with (certificat\$3) with (id identifier identification identity serial name address)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/03/15 09:22 |
| S7    | 32    | S1 and S6  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/03/15 09:22 |

## EAST Search History (Prior Art)

|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| S9  | 76  | S6 not S7   | US-PGPUB;<br>USPAT   | OR | ON | 2010/03/15 09:48 |
| S11 | 146 | (copy\$3 copies copied duplicat\$3 replicat\$3)<br>with (expirat\$3 terminat\$3 validity) near2<br>(date time period) with (id identifier<br>identification identity serial name address)<br>and (stor\$3 sav\$3 record\$3) with (id<br>identifier identification identity serial name<br>address) and (stor\$3 sav\$3 record\$3) with<br>certificat\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/15 10:00 |
| S12 | 76  | S11 not (S7 S9)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/15 10:00 |
| S14 | 624 | (stor\$3 sav\$3 record\$3 memor\$3) with (id<br>identifier identification identity serial name)<br>with certificat\$5 and (id identifier<br>identification identity serial name) with<br>(date time period) near (terminat\$3 end\$3<br>expir\$5 revok\$5) and certificat\$3 with (date<br>time period) near (terminat\$3 end\$3<br>expir\$5 revok\$5)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/15 10:18 |
| S15 | 292 | "713".clas. and S14   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/15 10:18 |
| S16 | 271 | S15 not (S7 S9 S12)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/15 10:19 |
| S17 | 5   | (temp temporar\$3) near (id identifier<br>identification identity name address) and<br>(temp temporar\$3) near (certificat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/15 10:45 |

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S5    | 101  | (set\$4 copy\$3 duplicat\$3) with (durat\$3 time) with (validity) with (certificat\$3) and (certificat\$3) with (address id identifier identification identity serial name) and (user client terminal machine) with (address id identifier identification identity serial name)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/03/20 10:36 |
| S6    | 178  | (set\$4 copy\$3 duplicat\$3) with (durat\$3 time date expire expiration) with (validity valid) with (certificat\$3) and (certificat\$3) with (address id identifier identification identity serial name) and (user client terminal machine) with (address id identifier identification identity serial name) and (stor\$3 sav\$3 record\$3 memor\$3) with (certificat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/03/20 10:42 |
| S7    | 154  | (set\$4 copy\$3 duplicat\$3) with (durat\$3 time date expire expiration) with (validity valid) with (certificat\$3) and (certificat\$3) with (address id identifier identification identity serial name) and (user client terminal machine) with (address id identifier identification identity serial name) and (stor\$3 sav\$3 record\$3 memor\$3) with (certificat\$3) and (address id identifier identification identity serial name) with (time period duration) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/03/20 10:49 |
| S9    | 1843 | 713/156,175.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/03/20 12:28 |
| S10   | 26   | (replicat\$3 copy\$3 duplicat\$3) with (durat\$3 time date expire expiration) with (validity valid) with (certificat\$3) and (stor\$3 sav\$3 record\$3 memor\$3) with (certificat\$3) and (distribut\$3 transfer\$4 transmit\$4 send\$3 receiv\$3 retriev\$3 fetch\$3) with (certificat\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/03/20 12:29 |
| S11   | 1551 | (durat\$3 time date expire expiration) with (validity valid) with (certificat\$3) and (stor\$3 sav\$3 record\$3 memor\$3) with (certificat\$3) and (distribut\$3 transfer\$4 transmit\$4 send\$3 receiv\$3 retriev\$3 fetch\$3) with (certificat\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2010/03/20 12:35 |

## EAST Search History (Prior Art)

|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| S12 | 407 | S9 and S11  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/20 12:35 |
| S13 | 297 | S12 and (durat\$3 time date expire<br>expiration) with (address id identifier<br>identification identity serial name) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/20 12:36 |
| S14 | 245 | S13 not (S5 S6 S7 S10)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2010/03/20 12:36 |